

REMARKS

In response to a Notice for Non-Compliant Amendment requesting a full statement of the claims, Applicants are submitting this Amendment which indicates a full statement of the claims – including that claims 1 to 12 were canceled. The remainder of the Amendment previously submitted by Applicants is submitted herewith for the convenience of the Patent Office.

Claims 13 to 23 are pending in this application. Applicants thank the Examiner for allowing all claims 13 to 23.

The Drawings were objected to under 37 C.F.R. 1.83(a) for not showing every feature of the invention specified in the claims. Specifically, the Office Action indicates that the “modulating step” in claim 19 and the “circuit arrangement” in claim 22 should be shown in the Drawings. Accordingly, Applicants have added new Fig. 6 and new Fig. 7 to ensure that those features are shown in the Drawings. Support for the new Figs. can be found throughout the Specification and the claims (Fig. 6 is supported at least by claims 13 and 19; Fig. 7 is supported at least by the claim 22, Fig. 5, and both new Figs. are supported by corresponding text in the Application). The Specification has been amended above to include paragraphs addressing those features shown in new Figs. 6 and 7. No new matter has been added to the Drawings or to the Specification.

Figs. 1 to 4 were objected to for not being labeled. And, Fig. 1 was objected to for an allegedly missing arrow. Accordingly, amended Figs. 1 to 5 are submitted above. No new matter has been added.

Accordingly, Applicants respectfully submit that the Drawings and the Specification, as amended, now properly show corresponding exemplary illustrations of the various features in the claims, in accordance with the request of the Office Action. Thus, Applicants respectfully request withdrawal of the objections to the Drawings and that the above-identified application be allowed.

The Claims were objected to for certain informalities. Specifically, claims 13 and 20 were objected to for reciting “transmitting” – while Applicants believe that “transmitting” is recited properly, Applicants have amended claims 13 and 20 to recite “communicating” as suggested by the Examiner. Claim 20 was further objected to for reciting “Hermite” – Applicants have amended claim 20 to recite “orthogonal” as suggested by the Examiner. Claim 22 was objected to for reciting “the signal” – Applicants have amended claim 22 to recite “the received signal” as suggested by the Examiner. No new matter has been added.

Accordingly, Applicants respectfully submit that the Claims, as amended, are in condition for allowance and the objections to the Claims should be withdrawn.

CONCLUSION

In view of all of the above, it is believed that the objections to the Drawings and the Claims have been obviated, and that the Drawings, the Specification and the Claims, are now in a condition for allowance. It is therefore respectfully requested that the objections be withdrawn, and that the present application issue as early as possible.

Dated: Aug. 2, 2004

Respectfully submitted, *By: Aida Shady*
Reg. No. 47084
Richard L. Mayer
By: Richard L. Mayer
Richard L. Mayer
(Reg. No. 22,490)

CUSTOMER NO. 26646

KENYON & KENYON
One Broadway
New York, New York 10004
(Tel) 1-212-425-7200
(Fax) 1-212-425-5288